

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
SUPERFUND SITE STRATEGY RECOMMENDATION - REGION 06



Site Name: Lone Pine Mine - NM0123

CERCLIS ID#: N/A

Alias Site Name: Lone Pine No. 3, Little Haystack No. 1-29, John No. 1-4, Double X 3-5

Address: Latitude 35 degrees 12'02.70" Longitude 107 degrees 48'14.30"

City/County or Parish/State/Zip: McKinley County, New Mexico

Report Type: Pre-CERCLIS Screening

Date: 03/15/11

Author: NMED

RECOMMENDATION:

<input type="checkbox"/> 1. No Further Remedial Action Planned Under Superfund (NFRAP)	<input type="checkbox"/> 2. Further Investigation Needed Under Superfund												
	<table><tr><td><input type="checkbox"/> PA</td><td><input type="checkbox"/> HRS</td><td>Priority: <input type="checkbox"/> High</td></tr><tr><td><input type="checkbox"/> SI</td><td><input type="checkbox"/> RI/FS</td><td><input type="checkbox"/> Low</td></tr><tr><td><input type="checkbox"/> ESI</td><td><input type="checkbox"/> RA</td><td></td></tr><tr><td><input type="checkbox"/> Other:</td><td colspan="2"></td></tr></table>	<input type="checkbox"/> PA	<input type="checkbox"/> HRS	Priority: <input type="checkbox"/> High	<input type="checkbox"/> SI	<input type="checkbox"/> RI/FS	<input type="checkbox"/> Low	<input type="checkbox"/> ESI	<input type="checkbox"/> RA		<input type="checkbox"/> Other:		
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<input type="checkbox"/> ESI	<input type="checkbox"/> RA												
<input type="checkbox"/> Other:													
<input checked="" type="checkbox"/> 3. Action Deferred to: <input type="checkbox"/> RCRA <input type="checkbox"/> NRC <input checked="" type="checkbox"/> BLM													
<input type="checkbox"/> 4. Site Being Addressed Under the State Voluntary Cleanup Program (VCP): <input type="checkbox"/> Yes <input type="checkbox"/> No													

NOTIFY AUTHORITY:

<input type="checkbox"/> Removal	<input type="checkbox"/> RCRA	<input type="checkbox"/> TSCA	<input type="checkbox"/> CAA	<input type="checkbox"/> SMCRA
<input type="checkbox"/> Remedial	<input type="checkbox"/> State/Tribe	<input type="checkbox"/> NPDES	<input type="checkbox"/> NRC	<input checked="" type="checkbox"/> Resource Trustee: BLM
<input type="checkbox"/> CERCLA Enforcement	<input type="checkbox"/> Federal Facility	<input type="checkbox"/> UIC	<input type="checkbox"/> SPCC	<input type="checkbox"/> Other:
SEND SSSR COPIES TO: <input type="checkbox"/> 6SF-AC <input type="checkbox"/> 6WQ-SP <input type="checkbox"/> ATSDR <input checked="" type="checkbox"/> State Agency <input type="checkbox"/> Tribal Agency				

DISCUSSION:

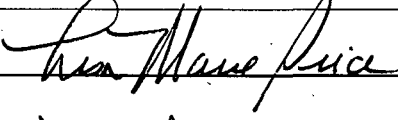
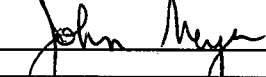
The New Mexico Energy Minerals and Natural Resources Department, Mine and Minerals Division (MMD) conducted a site assessment on April 15, 2008 at the Lone Pine Mine site. New Mexico Environment Department (NMED) used the information to develop a Pre-CERCLIS screen. The mine operated as a dry mine from 1954 to 1955 and is situated on the side of a mesa. MMD observed that the mine consists of two lateral cuts with a wooden load-out structure on the upper cut. The mine is only recognizable by the presence of the load-out structure. MMD measure maximum radiation at the ground surface at 70 uR/hr. There are five domestic wells associated with residences located approximately two miles southwest of the mine site. There is a stock well, presumed completed in the alluvium given depth to groundwater, located almost three miles from the mine site that was sampled by NMED in 2009; water quality standards were exceeded form total dissolved solids, sulfate, nitrate/nitrite, and uranium. The land surface and mineral rights are held by the Bureau of Land Management.

NMED recommended that action be taken at the site to assess physical hazards and the elevated radioactivity. NMED also recommended that the mine site be further assessed under CERCLA to characterize the impacts to groundwater.

Pursuant to the Memorandum of Understanding between EPA and the New Mexico State Office of the Bureau of Land Management, August 2011, the Lone Pine Mine will be addressed by the Bureau of Land Management.



APPROVALS:

Report Reviewed by:	<u>Lisa Marie Price</u> (Site Assessment Manager)	Signature:	<u></u>	Date:	<u>11/25/11</u>
Disposition Approved by:	<u>John Meyer</u> (Section Chief 6SF-TR)	Signature:	<u></u>	Date:	<u>11/29/11</u>